

# BT SERIES

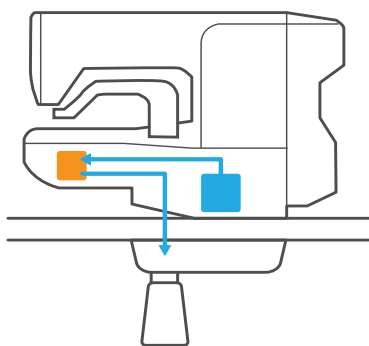
Electronic High-speed Lockstitch Bartacking / Button Sewing/ Small Pattern Sewing Machine

BT	430	E/Q	-	01
機種別 Model	版本別 Generation	車縫應用 Sewing Application		
430 套結 Bartacking	機電一體 Mechatronic	01 標準 Standard		05 褲耳 Belt Loop
438 釘扣 Button Sewing		02 厚料 Heavy Material		06 鬆緊帶拼接 Elastic Band Joining
439 立扣 Shank Button		03 帽眼 Radial Tacking		07 針織 Knits Material
530 兩用型 套結/釘扣 2-in-1 Bartacking/ Button				

BT	630	E/Q	-	02	-	E*
機種別 Model	版本別 Generation	車縫應用 Sewing Application				抬壓腳規格 * Foot Lifter Specification
630 小型花樣機(80X60) Small Pattern Sewing (80X60)	機電一體 Mechatronic	01 標準 Standard		05 褲耳 Belt Loop		A 氣動式 Pneumatic
		02 厚料 Heavy Material		06 鬆緊帶拼接 Elastic Band Joining		E 電動式 Electric
		03 帽眼 Radial Tacking		07 針織 Knits Material		

## 特點

## FEATURES

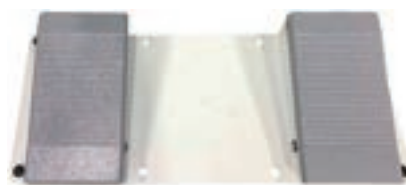


### 無油機構設計

採用DLC 針棒·挑線機構軸承設計·以固態油脂潤滑·有效防止面料油污問題。

### Oil-free Mechanism Design

With DLC needle bar, thread take-up lever's bearing design, and grease lubrication, it avoids the problem of oil stain.



### 雙踏板模式 (選配)

支援雙踏板操作模式·縫製特殊產品時·定位更容易。

### Dural Pedal Mode (Option)

Support double pedal mode for special sewing operation. It makes the material positioning easier.

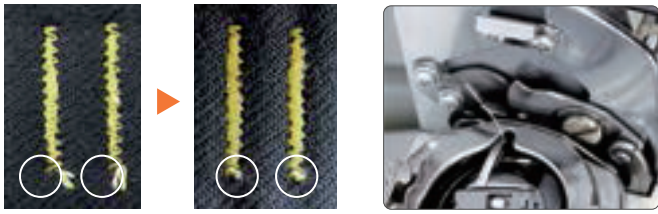


### 操作面板內建USB埠

以USB 記憶體進行圖形資料儲存·方便快速。

### Control Panel with Built-in USB port

It is easy and convenient for Pattern input by USB memory



### 短線頭設計

改進切線結構，在針孔最近點線，使餘線長度變短，減少修線工作。

### Short Thread End Design

Improving the thread trimming mechanism to cut the thread at the nearest spot from the needle. It shortens the thread end and reduces the finishing job.



### 適用範圍大

中厚料規格，可以改進挑線行程，提高線跡穩定度，擴大厚料縫製性能。

### Wider Range of Sewing Application

For heavy material, with thread take-up lever's stroke changing, it makes the stitches stable and upgrades the sewing performance.

## BT630Q

### 均勻的大壓腳壓力

可對大壓腳角度進行調節，使得四周壓力均衡，確保縫製物穩定。

### Uniform Large Presser Foot Pressure

The angle of the presser foot can be adjusted to balance pressure across all sides, ensuring workpiece stability during sewing.



### 均勻穩定的收線

由於間歇壓腳提升量可以改變，當裁片厚度變化時，不會產生壓力過大或不足的問題，確保在低張力下仍可穩定收線。

### Consistent and Stable Thread Tightness

Adjustable intermittent presser foot lift height. As fabric thickness changes, the lift amount adapts to prevent excessive or insufficient pressure. This ensures consistent thread tension and stable stitch tightening, even at low tension settings.

## BT430E

### 優質縫紉

透過電子夾線裝置，起縫時的線打結穩定一致。

### High quality sewing

Equipped with an electronic thread clamp device to ensure stable and consistent thread knots at the start of sewing.



### 適用範圍大

可選縫製範圍長 60mm×寬 90mm 擁有寬大的縫製範圍，充分運用於縱向套結等的各種縫製式樣。此外，具有超大儲存容量，可以儲存大量縮放比率、針數及縫製式樣數，提高了靈活應對性。根據材料的類型有許多不同的型號的機器，操作者可以根據給定的工藝選擇最適合的縫製模式。

(在一些情況下,可能需要更換工作壓腳和其他部件)。

### Wider Range of Sewing Application

With its large sewing area 60x90mm, this sewing machine can be fully utilised for sewing various kinds of sewing patterns such as lengthwise bartacking. Many different models are prepared according to the type of materials. The operator can select the best-suited sewing pattern according to the given process.

BT	Needle No.	布料厚度 Fabric Weight			mm	縫製範圍 mm	mm	mm	S.P.M. (Max)	KG	mm
		L	M	H							
430E	DPX5 #11~18	[Color bar]			17	30X40	0.1-10	-	3200	45 / 52	700X375X590
438E	DPX17 #12	[Color bar]				6.4X6.4		8-30	2800	52 / 58	
530E	DPX17 #12	[Color bar]				30X40		8-30	2800/3200	52 / 58	
630E	DPX5 #11~18	[Color bar]				90X60		-	2800	45 / 52	



**BT430-01 / 02**

01 標準  
Standard

02 厚料  
Heavy material



**BT430-03**

帽眼  
Radial tacking



**BT430-05**

褲耳  
Belt loop



**BT430-06**

鬆緊帶拼接  
Elastic Band Joining



**BT430-07**

針織  
Knits material



**BT438Q**

釘扣  
Button sewing



**BT530**

兩用型 套結/釘扣  
2-in-1 Bartacking/ Button sewing

出廠時為套結機，釘扣套件  
附在配件盒中，用戶可以操  
作面板切換車縫模式

Bartacking is the standard  
setting, while the button  
sewing kit is included.  
Customer can change the  
sewing mode by control  
panel.



### BT630

小型花樣機(80X60)  
Small Pattern Sewing (80X60)



代號 Code	BT430Q						BT439Q	BT438Q	BT530Q	BT630Q
	01	02	03	05	06	07				
用途 Application	標準 Standard	厚料 Heavy material	帽眼 Radial tacking	褲耳 Belt loop	鬆緊帶拼接 Elastic Band Joining	針織 Knits material	立扣 Mushroom button sewing	釘扣 Button sewing	兩用型 套結 / 釘扣 2-in-1 Bartacking/ Button sewing	小型花樣機 Small Pattern Sewing
最高縫製速度 Max. Sewing Speed	3200 S.P.M.						2700 S.P.M.		3000 S.P.M.	
縫製區域 (X x Y) Sewing area (X x Y)	40X30	40X30	15X15	40X30	9X40	40X30	6.4X6.4		40X30	80X60
鈕扣尺寸 Button Size							12mm	8~30mm		
送布方式 Feeding							間歇性送布 (步進馬達驅動) Intermittent Feeding (Stepping motor drive mode)			
針距 Needle gauge	0.05~12.7 mm									
最大針數 Max. stitch	5000 針 / 圖形 5000 stitch / pattern									
抬壓腳 Presser foot lifter	步進馬達驅動 Stepping motor drives									
壓腳 / 鈕夾上升量 Height of Presser foot/ Button clamp Lifting	Max. 17mm						Max. 13mm		Max. 17mm Max. 13mm	Max. 17mm
旋梭 Hook	半旋轉標準旋梭 Standard Shuttle hook									
外部資料儲存 External Data storage	經由 USB 埠 Inputted by USB Port									
循環縫 Cycle program	最多30 組, 每組上限50個步驟 Max. 30 sets, each set includes Max. 50 steps.									
記憶容量 Memory Capacity	內建 89種圖形 Built-in 89 patterns						內建 64種圖形 Built-in 64 patterns		記憶體 : 999 USB : 無限制 Memory : 999 USB : unrestricted	
	(最多可追加 799種圖形 / 500,000針 Max. 799 patterns / Max. 500,000 stitches can be added.)									
馬達 Motor	直驅式 AC伺服馬達 550W Direct drive AC Servo Motor 550W									
電源 Power	單相 220V Single Phase 220V									
重量 Weight	機頭: 約 57 kg, 操作面板: 約 0.4 kg, 控制箱: 約 9 kg Machine Head: about 57 kg, Operation Panel: about 0.4 kg, Contro Box: about 9 kg									